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ORIGINALLY FILED

Attorney Docket No. P00743/70003

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHODS AND APPARATUS FOR DIFFRACTIVE OPTICAL PROCESSING USING AN ACTUATABLE STRUCTURE** the specification of which was filed on March 4, 2002, as Application No. 10/090,381.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Jeffrey B. Powers	45,021
Konstantinos Andrikopoulos	P-48,915	Robert E. Hunt	39,231	Randy J. Pritzker	35,986
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Edward J. Russavage	43,069
John N. Anastasi	37,765	Peter C. Lando	34,654	Stanley Sacks	19,900
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Robert A. Skrivanek, Jr.	41,316
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Alan W. Steele	45,128
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	Mark Steinberg	40,829
Neil P. Ferraro	39,188	William R. McClellan	29,409	Joseph Teja, Jr.	45,157
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Maria A. Trevisan	48,207
Stephen R. Finch	42,534	Chantal Morgan D'Apuzzo	48,825	John R. Van Amsterdam	40,212
Edward R. Gates	31,616	James H. Morris	34,681	Robert H. Walat	46,324
Richard F. Giunta	36,149	Timothy J. Oyer	36,628	Kristin D. Wheeler	43,583
Lawrence M. Green	29,384	Edward F. Perlman	28,105	Lisa E. Winsor	44,405
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637	David Wolf	17,528
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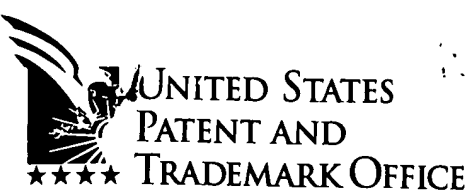
c/o Wolf, Greenfield & Sacks, P.C.,
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Inventor's signature

Date**Full name of first or joint inventor:** Stephen D. Senturia**Citizenship:** U.S.**Residence:** 98 Crowninshield Road, Brookline, MA 02446**Post Office Address:** 98 Crowninshield Road, Brookline, MA 02446



STH

SEPTEMBER 12, 2002

PTAS

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Under Secretary of Commerce For Intellectual Property and
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P0743/7003



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/15/2002

REEL/FRAME: 013082/0115
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SENTURIA, STEPHEN D.

DOC DATE: 07/02/2002

ASSIGNEE:

POLYCHROMIX, INC.
10 STATE STREET
WOBURN, MASSACHUSETTS 01801

SERIAL NUMBER: 10090381

PATENT NUMBER:

FILING DATE: 03/04/2002

ISSUE DATE:

DOROTHY BASMA, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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Docket No. P00743/70003



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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen D. Senturia

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: July 2, 2002

2. Name and address of receiving party(ies)

Name: Polychromix, Inc.

Internal Address:

Street Address: 10 State Street
Woburn, MA 01801

Additional name(s) & addresses(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

10/090,381

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence
Concerning document should be mailed:

Name: Steven J. Henry

Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey B. Powers

Name of Person Signing

Signature

July 9, 2002

Date

07/15/2002 DBYRNE 00000120 10090381

01 FC:581

40.00 DP

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

P00743/70003 (JBP)

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Stephen D. Senturia, hereby

Sells, assigns and transfers to Polychromix, Inc., a Delaware corporation having a place of business at 10 State Street, Woburn, MA 01801, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 4, 2002 and entitled **METHODS AND APPARATUS FOR DIFFRACTIVE OPTICAL PROCESSING USING AN ACTUATABLE STRUCTURE** (serial no. 10/090,381) and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agrees to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

The undersigned requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned covenants with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date

7/2/02

Stephen D. Senturia

STATE OF

Massachusetts

COUNTY OF

Norfolk

Subscribed and sworn to before me this

2

day of

July 2002

SEAL

Notary Public

My Commission Expires

DIANE M. RUTSTEIN
NOTARY PUBLIC

My commission exp

6/5/03

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Stephen D. Senturia

Application No.: 10/090,381

Filed: March 4, 2002

Confirmation No.: 5189

Entitled: METHODS AND APPARATUS FOR DIFFRACTIVE OPTICAL PROCESSING
USING AN ACTUATABLE STRUCTURE

Polychromix Corporation , a Delaware

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university,
government agency, etc.)

certifies that it is the assignee of the entire right, in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 013082, Frame 0115, or for which a copy thereof is attached

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____

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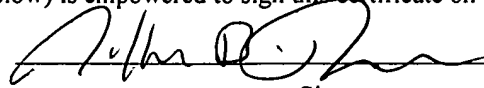
Reel _____ Frame _____, _____ or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

12/17/02
Date


Signature

Jeffrey B. Powers

Attorney for Assignee
Title